

# Converting Colors

Hex(8E022B)

Have a look what the booklet for  
Hex(8E022B) contains.

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# Color

**Hex(8E022B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E022B
RGB	142, 2, 43
RGB Percent	56%, 1%, 17%
CMY	0.4431, 0.9922, 0.8314
CMYK	0.00, 0.99, 0.70, 0.44
HSL	342°, 97%, 28%
HSV	342°, 99%, 56%
XYZ	11.6131, 5.9686, 2.8255
YIQ	48.5340, 70.2790, 42.4310

# Conversions

## Conversions Part 2

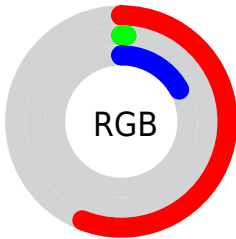
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 2, 43
Decimal	9306667
CIELab	29.33, 52.71, 18.95
CIElCh	29, 56.009, 19.775
Yxy	5.9686, 0.5691, 0.2925
Android (android.graphics.Color)	4287496747 (0xFF8E022B)
YUV	48.5340, -2.7283, 81.9697
Hunter-Lab	24.4308, 42.0956, 10.2445

# Details

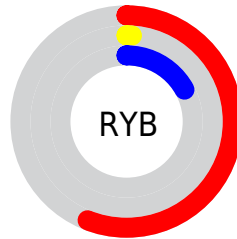
The Hex color **8E022B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **028E65**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **CA4858**, and **540000** is the 20% darker color. If you saturate the color by 10%, you get **8E002A**, and if you desaturate by 10%, it is **8E1035**.

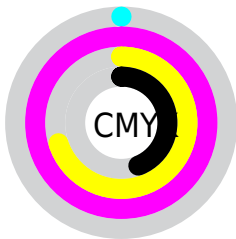
# Distribution



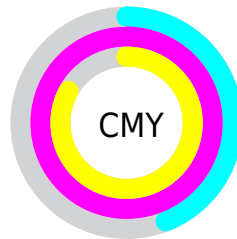
- Red (56%)
- Green (1%)
- Blue (17%)



- Red (56%)
- Yellow (1%)
- Blue (17%)



- Cyan (0%)
- Magenta (99%)
- Yellow (70%)
- Black (44%)



- Cyan (44%)
- Magenta (99%)
- Yellow (83%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E022B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8E022B by changing the saturation by 10% instead.





8E022B



8E022B

FFFFFF



710017



CA4858



540000



E96370



390002



FF7F8A



100000



FF9AA4



000000



FFB6BF



FFD3DB



FFF0F7



8E022B



8E022B

■ 8E002A

■ 8E1035

■ 8E1E3F

■ 8E2D49

■ 8E3B53

■ 8E495D

■ 8E5767

■ 8E6571

■ 8E747B

■ 8E8285

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



890056



8E022B



7F2700

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8E022B



005300



004F9C

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8E022B



028E65

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005687



8E022B



005634

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8E022B



3B4C00



005761



004098

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8E022B



6D3800



005761



005297



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8E022B



B88191



64028E



5C3B44



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8E022B



B80036



8E1E02



474042



870028



080002



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8E022B



B80036



02728E



474042



870028

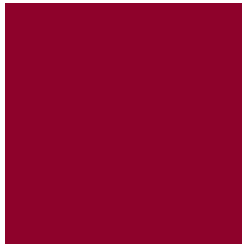


080002



# Previews

## White Background



This preview shows how the Hex color 8E022B looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8E022B Background



This preview shows how black text looks on a background with the Hex color 8E022B.



This preview shows how white text looks on a background with the Hex color 8E022B.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
8E022B

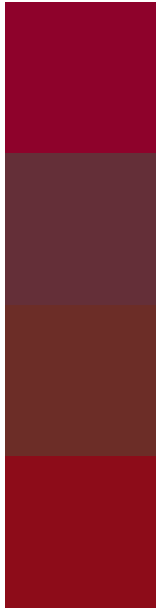
**Protanopia**  
4C4840

**Deuteranopia**  
594524



**Tritanopia**  
8D120E

# Trichromacy



**Original Color**  
8E022B

**Protanomaly**  
642F38

**Deuteranomaly**  
6C2D27

**Tritanomaly**  
8D0C19

# Monochromacy



**Original Color**  
8E022B

**Achromatopsia**  
313131

**Achromatomaly**  
53202F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E022B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8E022B looks like.

```
.text, #text, p{  
    color:#8E022B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8E022B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E022B
}
```

## Border

The CSS property to change the border of an element to Hex 8E022B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E022B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8E022B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #8E022B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E022B; -webkit-box-shadow:4px 4px  
4px 4px #8E022B; box-shadow:4px 4px 4px  
4px #8E022B }
```

# Background

The CSS property to change the background color of an element to Hex 8E022B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E022B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8E022B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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